

Isocurcumenol Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: Isocurcumenol

Catalog No.: CFN92618

Cas No.: 24063-71-6

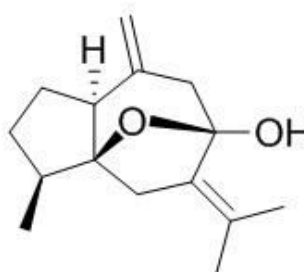
Purity: > 98%

M.F: C₁₅H₂₂O₂

M.W: 234.3

Physical Description: Powder

Synonyms: 6H-3a,6-Epoxyazulen-6-ol, octahydro-3-methyl-8-methylene-5-(1-methylethylidene)-, (3S,3aS,6R,8aS)-.



[Intended Use]

1. Reference standards;
2. Pharmacological research;
3. Synthetic precursor compounds;
4. Intermediates & Fine Chemicals;
5. Others.

[Source]

The rhizome of *Curcuma wenyujin* Y.H.Chen et C.Ling.

[Biological Activity or Inhibitors]

Isocurcumenol can inhibit the proliferation of cancer cells without inducing significant toxicity to the normal cells.^[1]

[Solvent]

Chloroform, Dichloromethane, Ethyl Acetate, DMSO, Acetone, etc.

[HPLC Method]^[2]

Mobile phase: Methanol-0.4% Acetic acid in water-Isopropanol, gradient elution ;

Flow rate: 1.0 ml/min;

Column temperature: Room Temperature;

The wave length of determination: 254 nm.

[Storage]

2-8°C, Protected from air and light, refrigerate or freeze.

[References]

[1] Lakshmi S, Padmaja G, Remani P. *Int .J. Med. Chem.*, 2011, 2011: 253962.

[2] Peng B X, Chen S H. *Chinese Pharmaceutical Journal*, 2009, 44(22):1742-14.

[Contact]

Address:

S5-3 Building, No. 111, Dongfeng Rd.,
Wuhan Economic and Technological Development Zone,
Wuhan, Hubei 430056,
China

Email: info@chemfaces.com

Tel: +86-27-84237783

Fax: +86-27-84254680

Web: www.chemfaces.com

Tech Support: service@chemfaces.com